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# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## Minerals Inspection Report

Reviewed *PPAS*

Report Date: **3/22/2016**

Mine Name: Asphalt Ridge 2	Permit Number: M/47/0032	Mine Status: Inactive
Operator Name: Tar Sands Holdings II	Inspection Date: 3/15/2016	Permit Fees: Paid
Inspector(s): A. Abate	Inspection Time: 2:00 PM	Bond Amount: \$376,000
Attendee(s): A. Burrows, R. Tanner, Operators	Weather: Clear 65 F	Bond Escalation: 3/15/2014
Inspection Purpose: Follow up from enforcement		Prior Inspection: 6/1/2015

### Conclusions and Recommendations

Notice of Violation (NOV) MN-2016-60-02 was issued on March 23, 2016 for the imminent hazard of deleterious materials discovered in on-site containers. The containers are required to be characterized and properly removed by a licensed contractor within 21 days of NOV issuance. Scrap metal should also be removed from the boneyard area. Additional drainage diversions should be constructed where areas of standing water are present near the mine pit.

Elements of Inspection		Evaluated & Commented	Enforcement
1.	Permits, Revisions, Transfer, Bonds	<input type="checkbox"/>	<input type="checkbox"/>
2.	Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>
3.	Protection of Drainages/Erosion Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>A Notice of Violation MN-2015-60-02 was issued last year requiring the operator to address off-site sediment control problems. The abatement required the operator to submit an updated Stormwater Pollution Prevention Plan (SWPPP) as an amendment to their NOI. Under the SWPPP, a series of corrective actions were implemented. Diversion berms along the principal roads in the permit area were constructed to redirect stormwater from flowing off-site. The staff is also trained in protocols requiring them to collect visual samples of stormwater from locations specified in the SWPPP and document the condition of the samples in a quarterly report. The quarterly reports were all completed and presented to the OGM inspector.</p> <p>Two areas of standing water were observed near the mine pit. These areas require water bars or diversions to be constructed that will redirect drainage to the mine pit.</p>			
4.	Deleterious Material	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<p>The boneyard area contained several large piles of scrap metal. A group of approximately (4) 55-gallon drums were observed unlabeled and without lids. A crusty, sludge material was observed inside these drums. A second area which appeared to be a hazmat staging location was also observed to contain several 55-gallon drums, open bins containing oil and multiple 5-gallon buckets. Most of which were also without lids and contained a crusty sludge material. The condition of these drums, along with an unknown material exposed to the environment presents an imminent hazard and requires immediate characterization and proper removal from the site by a licensed contractor.</p>			
5.	Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>
6.	Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>No reclamation has been conducted on the site to date with the exception of ore being removed from the stockpiles and being sold to private entities. Discussed with the operators some concurrent reclamation options such as the removal of large equipment from the tank farm area.</p>			
7.	Backfilling/Grading (trenches, pits, roads, highwalls, shafts)	<input type="checkbox"/>	<input type="checkbox"/>
8.	Soils	<input type="checkbox"/>	<input type="checkbox"/>
9.	Revegetation	<input type="checkbox"/>	<input type="checkbox"/>
10.	Other	<input type="checkbox"/>	<input type="checkbox"/>

Inspector's Signature: *[Signature]*

cc: ddragoo@swlaw.com



Mine: M/47/0032

Inspected: 3/15/2016

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File: /nrwogmfs1/OGM/GROUPS/MINERALS/WP/M047-Uintah/M0470032-Crown-AsphaltRidge/inspections/Insp-3152016.pdf





Construction of diversion berms along the mine roads.



Scrap metal from the boneyard area.



Four, unlabeled, unlidded 55-gallon drums

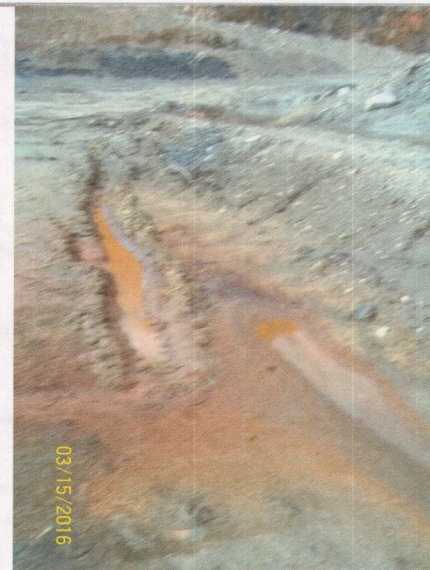


The contents inside the drums.





Open bins, 55-gallon drums, and 5-gallon buckets improperly stored in a hazmat storage area.



Standing water running along the roads near the mine pits were noted.



Diversion ditches should be created to drain standing water toward the mine pit.